

7. COLEOPTERA.

2. Histeridæ

by

G. LEWIS.

The Histeridæ from the mounts Kilimandjaro and Meru were hitherto very little known and I can only find the record of two species namely: *Zabromorphus pachysomus* ANCEY and *Pachycrærus laticeps* LEW. from this region, neither of these are in the present collection.

Judging from the 230 specimens brought home by Prof. SJÖSTEDT including 22 species, the districts investigated are not prolific in insect-life and half the species are such as have a very wide distribution. Notably *Macrosternus Lafertei* MARS. which has been found on both sides of the Continent and as far south as Gazaland.

Lioderma cafferum ER.

Kilimandjaro: Kibonoto. One single female taken under bark of the candelabrumtree (*Euphorbia Reinhardti*) on the lower region of culture, 1,200 m., 13 XI 05.

Hololepta semicincta MARS.

Kilimandjaro: Kibonoto-steppe and in the region of culture; aug., sept., nov. 1905; 7 specimens.

Macrosternus Lafertei MARS.

Kilimandjaro: Kibonoto, in the region of culture, 30 X 05; 5 specimens.

Macrolister validus ER.

Kilimandjaro: Kibonoto, in the region of culture, 4 mai 1906; 1 specimen.

Macrolister pilicollis SCH.

Kilimandjaro: Kibonoto, region of culture, 10 X 05; 1 sp.

Pachylister nigrita ER.

Kilimandjaro: Kibonoto-steppe and in the region of culture, aug., sept., oct.
— *Meru*: at the river Ngare na nyuki, oct., dec., 1905; 9 sp.

Pachylister caffer ER.

Kilimandjaro: Kibonoto-steppe, aug., oct.; ♂♀.

Hister adjectus MARS.

Kilimandjaro: Kibonoto-steppe, 2 X 05; 1 sp.

Hister tropicus PAYK.

Kilimandjaro: Kibonoto-steppe and in the region of culture, aug., sept. —
Meru-steppe, at the river Ngare na nyuki, oct. 1905, 7 sp.

Hister pyxidatus LEW.

Kilimandjaro: Kibonoto, region of culture.

Hister vadatus n. sp.

Ovalis, convexus, niger nitidus; fronte stria antice recta; pronoto bistriato; elytris, striis 1—4 integris, 5 obsoleta, suturali utrinque abbreviata; propygidio pygidioque punctatis: mesosterno stria marginali in medio interrupta; tibiis anticis 3-dentatis, apicali dente immani.

L. 7 mill.

Oval, convex, black and shining; the head, frontal stria complete, straight anteriorly and rounded off on either side; the thorax, marginal stria very fine, two lateral well-marked and parallel to each other, the outer stria terminates behind the eye, inner continued behind the head; the elytra, humeral stria wanting, dorsal 1—4 complete, 5 indicated by a few apical points, sutural abbreviated at both ends, the ends turn away from the suture; the pygidia are clearly not closely punctured with microscopical points in the interspaces; the prosternum, lobe marginate and impunctate; the mesosternum is feebly sinuous anteriorly and the marginal stria is interrupted in the middle; the anterior tibiae 3-dentate, apical tooth very large.

The above is similar to *H. obesus* FÅHR. and others by the thorax being bistriate laterally and the terminal tooth of the anterior tibia being very large.

Meru: at the river Ngare na nyuki, 22 nov. 1905.

Hister coprophilus REICHE.

Kilimandjaro: Kibonoto-steppe and in the region of culture, aug., nov. —
Meru-steppe, at the river Ngare na nyuki oct.; common.

Hister sp.

2 specimens.

Paromalus exiguus FÄHR.

Kilimandjaro: Kibonoto-steppe and region of culture, aug., 1905; 4 sp.

Tribalus cavernicola n. sp.

Ovalis, supra subdepressus, subæneus, nitidus; fronte concava, supra oculos elevata, fere lævis; pronoto basi transversim impresso; elytris striis obsoletis; prosterno, striis utrinque divergentibus; antennis pedibusque obscure brunneis.

L. 3 mill.

Oval, somewhat depressed above, brassy, shining; the head, concave anteriorly with lateral margins elevated, surface almost impunctate; the thorax is evenly, finely and rather closely punctulate, marginal stria complete, along the middle of the basal edge there is a narrow transverse rugose impression; the elytra, dorsal striæ short oblique and ill-defined, disc and the pygidia are almost smooth; the prosternum, lobe marginate, clearly punctured and microscopically strigose, striæ divergent before and behind, keel lightly sculptured; the mesosternum, marginal stria very fine and interrupted in the middle, evenly, sparingly and very minutely punctulate, transverse stria well-marked with sixteen crenellations; the antennæ, pale-brown, legs obscurely brownish.

Similar in form and colour to *T. capensis* PAYK. but the surface sculpture of PAYKULL's species is densely punctulate.

Usambara: Tanga, in the Mkulumusi-caves.

Pachycrærus montanus n. sp.

Oblongus, subcylindricus, viridi-cyaneus; fronte impressa, stria integra; pronoto stria marginali antice late interrupta; elytris striis dorsalibus 1—4 integris, 5 obsoleta, suturali dimidiata; propygidio pygidioque fortius punctatis; prosterno bistriato, striis rectis haud conjunctis; mesosterno antice immarginato; tibiis anticis 6-dentatis.

L. $5\frac{1}{2}$ —6 mill.

Oblong, somewhat cylindrical, greenish blue, shining; the head slightly impressed anteriorly, marginal stria complete, surface microscopically punctulate; the thorax, marginal stria widely interrupted behind the head, disc before the scutellum smooth but behind the head and laterally it is conspicuously punctured; the elytra, striæ, outer humeral fine and bent and reaches the middle from the apex, 1—4 complete, 5 short, feeble and apical, sometimes wholly wanting, sutural well-marked and reaching just beyond the middle; the pygidia are rather closely and coarsely punctured; the prosternum, striæ are straight and parallel not meeting at either end nor quite reaching the base; the mesosternum is somewhat acute and immarginate; the anterior tibiæ are 6-dentate.

In colour this species somewhat resembles *P. Raffrayi* LEW. but the form is a little less cylindrical.

Kilimandjaro: Kibonoto, region of culture, 12, XI, 05.

***Pachycræus cyanipennis* FÅHR.**

Kilimandjaro: Kibonoto, region of culture, 1,200—1,600 m., 11 XI 05; 3 III 06; 7 sp.

***Pachycræus cyanescens* ER.**

Kilimandjaro: Kibonoto-steppe and region of culture, april, mai, nov.; 8 sp.

***Abræus cyclonotus* MARS.**

Kilimandjaro: Kibonoto, region of culture, aug.; 1 sp.

***Saprinus splendens* PAYK.**

Kilimandjaro: Kibonoto-steppe and the lower region of culture, mars. — *Meru*-steppe, at the river Ngare na nyuki, nov. — Merker-see, 4 XII 05; very common.

***Saprinus gabonensis* MARS.**

Kilimandjaro: Kibonoto-steppe and in the lower region of culture, aug., sept. *Meru*-steppe at the river Ngare na nyuki 1 XII 05. — Merker-see, 4 XII 05; 9 sp.

***Saprinus intricatus* ER.**

Kilimandjaro: Kibonoto-steppe and region of culture, aug., sept. — *Meru*-steppe, Ngare na nyuki, dec.: 8 sp.

List of Histeridæ hitherto known from the Kilimandjaro and the Meru.

- | | |
|--|--|
| 1. <i>Lioderma cafferum</i> ER. | 12. <i>Hister vadatus</i> LEW. sp. n. |
| 2. " <i>semiciucta</i> MARS. | 13. " <i>coprophilus</i> REICHE. |
| 3. <i>Macrosternus Lafertei</i> MARS. | 14. <i>Paromalus exiguus</i> FÅHR. |
| 4. <i>Macrolister validus</i> ER. | 15. <i>Pachycræus montanus</i> LEW. sp. n. |
| 5. " <i>pilicollis</i> SCH. | 16. " <i>cyanipennis</i> FÅHR. |
| 6. <i>Pachylister nigrita</i> ER. | 17. " <i>cyanescens</i> ER. |
| 7. " <i>caffer</i> ER. | 18. " <i>laticeps</i> LEW. |
| 8. <i>Zabromorphus pachysomus</i> ANCEY. | 19. <i>Abræus cyclonotus</i> MARS. |
| 9. <i>Hister adjectus</i> MARS. | 20. <i>Saprinus splendens</i> PAYK. |
| 10. " <i>tropicus</i> PAYK. | 21. " <i>gabonensis</i> . |
| 11. " <i>pyxidatus</i> LEW. | 22. " <i>intricatus</i> ER. |

February 1907.